



**District Level Water Quality Testing and Monitoring Laboratory**  
**Uttarakhand Jal Sansthan, 32, Rajpur Road, Dehradun**

**TEST REPORT**

|                                               |                                                                                |                      |                                          |
|-----------------------------------------------|--------------------------------------------------------------------------------|----------------------|------------------------------------------|
| Name and Address of Organization/<br>Customer | Kendriya Vidyalaya O.N.G.C Dehradun,<br>Kaulagarh Road, Dehradun, Uttarakhand. |                      |                                          |
| Test Report ID                                | 60/UJS/DLWQTML/2026-27                                                         | Reporting Date       | 29/05/2026                               |
| Date and Time of Sample Received:             | 26/05/26 & 12:30 PM                                                            | Sample Location      | Kaulagarh Road, Dehradun,<br>Uttarakhand |
| Product Description                           | Drinking Water                                                                 | Sample Collected by  | Customer                                 |
| Reference Sample Identification:              | DLWQTML/UJS/2026-27/60                                                         | Duration of Analysis | 26/05/2026 to 29/05/2026                 |

**A. Organoleptic & Physical Parameters**

| S.N. | Parameters                                  | Standard Test Method | Results      | Requirement (Acceptable limit) as per IS 10500:2012 | Permissible limit in the absence of alternative Source as per IS 10500:2012 |
|------|---------------------------------------------|----------------------|--------------|-----------------------------------------------------|-----------------------------------------------------------------------------|
| 1.   | pH at 25°C                                  | IS 3025 (Part 11)    | 6.99         | 6.5 to 8.5                                          | No Relaxation                                                               |
| 2.   | Total Dissolved Solids (TDS), mg/L at 180°C | IS 3025 (Part 16)    | 64           | 500 Max                                             | 2000 Max                                                                    |
| 3.   | Turbidity, NTU                              | IS 3025 (Part 10)    | 0.32         | 1 Max                                               | 5 Max                                                                       |
| 4.   | Colour, Hazen                               | IS 3025 (Part 4)     | Less than 01 | 5 Max                                               | 15 Max                                                                      |
| 5.   | Odour                                       | IS 3025 (Part 5)     | Agreeable    | Agreeable                                           | Agreeable                                                                   |

**B. General Parameters Concerning Substances Undesirable in Excessive Amounts**

| S.N. | Parameters                                     | Standard Test Method    | Results | Requirement (Acceptable limit) as per IS 10500:2012 | Permissible limit in the absence of alternative Source as per IS 10500:2012 |
|------|------------------------------------------------|-------------------------|---------|-----------------------------------------------------|-----------------------------------------------------------------------------|
| 6.   | Total Alkalinity (as CaCO <sub>3</sub> ), mg/L | IS 3025 (Part 23)       | 38      | 200 Max                                             | 600 Max                                                                     |
| 7.   | Total Hardness (as CaCO <sub>3</sub> ), mg/L   | IS 3025 (Part 21)       | 40      | 200 Max                                             | 600 Max                                                                     |
| 8.   | Calcium, (as Ca) mg/L                          | IS 3025 (Part 40)       | 9.6     | 75 Max                                              | 200 Max                                                                     |
| 9.   | Magnesium (as Mg), mg/L                        | IS 3025 (Part 46)       | 3.88    | 30 Max                                              | 100 Max                                                                     |
| 10.  | Chloride, mg/L                                 | IS 3025 (Part 32)       | 10      | 250 Max                                             | 1000 Max                                                                    |
| 11.  | Fluoride (as F), mg/L                          | IS 3025 (Part 60/Sec 1) | 0.10    | 1.0 Max                                             | 1.5 Max                                                                     |
| 12.  | Nitrate (as NO <sub>3</sub> ), mg/L            | IS 3025 (Part 34/Sec 1) | 1.13    | 45 Max                                              | No Relaxation                                                               |
| 13.  | Sulfate (as SO <sub>4</sub> ), mg/L            | IS 3025 (Part 24/Sec 1) | 14      | 200 Max                                             | 400 Max                                                                     |
| 14.  | Iron (as Fe), mg/L                             | IS 3025 (Part 53)       | 0.11    | 1.0 Max                                             | No Relaxation                                                               |

**C. Bacteriological Quality of Drinking Water**

| S.N. | Parameters                | Standard Test Method | Results | Requirement as per IS 10500:2012             |
|------|---------------------------|----------------------|---------|----------------------------------------------|
| 15.  | Total Coliform (in 100ml) | IS 15185             | Absent  | Shall not be detectable in any 100 ml sample |
| 16.  | E. Coli (in 100 ml)       | IS 15185             | Absent  | Shall not be detectable in any 100 ml sample |

\*\*\*\* End of Report\*\*\*\*

Reviewed & Authorized By

(Dr. Vikash Kandari)  
 Technical Manager

**Technical Manager**  
**DLWQTML**

**Uttarakhand Jal Sansthan**

Note:-

1. The results listed refer only to tested sample and applicable parameters 2. This certificate is not be reproduced wholly or in parts promotional publicity or legal purpose without permission of authority of testing laboratory. 3. The samples will be destroyed after Seven days from the date of issue of test certificate, unless otherwise agreed with customer. 4. The results apply to the sample as received 5. The Laboratory is responsible for all the information provided in the report, except when information is provided by the customer